## EAST Search History

| Ref<br># | Hits | Search Query  | DBs   | Default<br>Operator | Plurals | Time Stamp |
|----------|------|---|---|---------------------|---------|------------|
|          | 125  | (US-20060153756-\$ or US-20030134239-\$ or US-20040161718-\$ or US-20010028867-\$ or US-20060115778-\$ or US-20050130087-\$ or US-20020160326-\$ or US-20060147859-\$ or US-20060112636-\$ or US-20040063056-\$ or US-20030196381-\$ or US-20080227044-\$ or US-20060084017-\$). did. or (US-6431857-\$ or US-6003305-\$ or US-3718506-\$ or US-4531908-\$ or US-6875007-\$ or US-7344373-\$ or US-7088253-\$ or US-7008218-\$ or US-6652266-\$ or US-6493081-\$ or US-6468069-\$ or US-7229279-\$ or US-5771683-\$ or US-5890886-\$ or US-5522723-\$ or US-6389330-\$ or US-6168419-\$ or US-6135760-\$ or US-6045353-\$ or US-5848887-\$ or US-5819673-\$ or US-5464006-\$). did. or (US-5356487-\$ or US-5165884-\$ or US-5160254-\$ or US-5080577-\$ or US-7255840-\$ or US-5997279-\$ or US-6109914-\$ or US-6612833-\$ or US-4445842-\$ or US-5993285-\$ or US-6409914-\$ or US-5932885-\$ or US-64092143-\$ or US-5932885-\$ or US-7008219-\$ or US-5569031-\$ or US-542411294-\$ or US-5932885-\$ or US-4052143-\$). did. or (US-4338074-\$ or US-44642049-\$ or US-4784599-\$ or US-4828483-\$ or US-5184671-\$ or US-5848885-\$ or US-603266-\$ or US-6224370-\$ or US-5848885-\$ or US-6302683-\$ or US-6224370-\$ or US-5347936-\$ or US-59338427-\$ or US-5190451-\$ or US-5184671-\$ or US-5847936-\$ or US-59338427-\$ or US-6224370-\$ or US-6302683-\$ or US-6302683-\$ or US-6302683-\$ or US-6302683-\$ or US-6302683-\$ or US-630393-\$ or US-6302683-\$ or US-630339-\$ or US-6302683-\$ or US-6302683-\$ o | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR                  | OFF     | 2009/01/09 |

| L2 | 11   | 1 and sensor and infrared                                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/01/09<br>10:58 |
|----|------|---|---|----|-----|---------------------|
| L3 | 9    | 1 and sensor and infrared and temperature                     | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/01/09<br>10:58 |
| L4 | 4    | 1 and sensor near2 infrared and temperature                   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/01/09<br>11:10 |
| L5 | 1    | 1 and sensor near2 infrared same temperature                  | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/01/09<br>11:10 |
| L6 | 12   | sensor near2 infrared same temperature same burner same flame | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/01/09<br>11:11 |
| L7 | 6335 | infrared same temperature and combustion                      | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/01/09<br>11:58 |
| L8 | 862  | infrared same temperature same sensor and combustion          | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/01/09<br>11:58 |
| L9 | 175  | infrared same temperature same sensor same combustion         | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/01/09<br>11:59 |

| L10 | 135 | infrared same temperature same sensor same combustion                                    | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/01/09<br>11:59 |
|-----|-----|--|---|----|-----|---------------------|
| L11 | 53  | infrared near3 sensor same temperature same combustion                                   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/01/09<br>12:00 |
| S1  | 2   | "6431857"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/23<br>13:20 |
| \$2 | 28  | "6003305"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/23<br>13:20 |
| S3  | 32  | <u>'''3718506''</u>  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/23<br>13:28 |
| S4  | 1   | "10532855"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2008/07/23<br>13:29 |
| S5  | 5   | US-5128977-\$.DID. OR US-6506765-\$.DID. OR WO-9301446-\$.DID. OR EP-<br>0524736-\$.DID. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>15:01 |
| S6  | 27  | "524736"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>15:05 |

| S7  | 1    |   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>15:07 |
|-----|------|---|---|----|-----|---------------------|
| \$8 | 8    | "4531908" "6875007" "20040161718" "20030134239" | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>15:13 |
| S9  | 32   | hoenig-guenter.in.                              | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>BM_TDB  | OR | OFF | 2008/12/22<br>15:18 |
| S10 | 8    |   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>15:32 |
| S11 | 2973 | "431"/\$.ccls. and speed same combustion        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>15:35 |
| S12 | 12   |   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>15:35 |
| S13 | 18   | 41  | US-PGPUB;<br>USPAT; EPO;<br>DERWENT                                     | OR | OFF | 2008/12/22<br>15:39 |

| S14 | 9   | S13 and ceramic  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>15:39 |
|-----|-----|--|---|----|-----|---------------------|
| S15 | 9   | S13 and ceramic\$2                                     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>15:39 |
| S17 | 611 | 431/79.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>15:48 |
| S18 | 32  | 431/79.ccls. and ceramic                               | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>16:03 |
| S19 | 658 | foam\$3 near3 ceramic\$2 and burner                    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>16:12 |
| S20 | 70  | foam\$3 near3 ceramic\$2 same combustion near4 chamber | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>16:13 |

| \$21 | 1     | ;"10532855"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>16:31 |
|------|-------|---|---|----|-----|---------------------|
| 255  | 23    | US-3691346-\$.DID. OR US-4707341-\$.DID. OR US-5165884-\$.DID. OR US-5522723-\$.DID. OR US-5890886-\$.DID. OR US-6257868-\$.DID. OR JP-57047119-\$.DID. OR JP-57134608-\$.DID. OR JP-59131816-\$.DID. OR JP-59202312-\$.DID. OR JP-60060411-\$.DID. OR DE-3732656-\$.DID. OR WO-9420789-\$.DID. OR JP-61106468-\$.DID. OR JP-61106468051986-\$.DID. | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>16:37 |
| S23  | 8     | S17 and combustion near4 speed  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>16:49 |
| S24  | 10172 | 431/5,7,9,11,12,79,115,116,170,207,208,215,325,328.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>17:05 |
| S25  | 1345  | 431/5,7,9,11,12,79,115,116,170,207,208,215,325,328.ccls. and ceramic  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>17:05 |
| S26  | 66    | 431/5,7,9,11,12,79,115,116,170,207,208,215,325,328.ccls. and ceramic near4 foam   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/22<br>17:05 |

| 97         | 62     | (US-20060153756-\$ or US-20030134239-\$ or US-20040161718-\$ or US-20010028867-\$ or US-20060115778-\$ or US-20050130087-\$ or US-20020160326-\$ or US-20060147859-\$ or US-20080127044-\$ or US-20040063056-\$ or US-20030196381-\$ or US-20080227044-\$ or US-20060084017-\$).did. or (US-6431857-\$ or US-6003305-\$ or US-3718506-\$ or US-4531908-\$ or US-6875007-\$ or US-7344373-\$ or US-7088253-\$ or US-7008218-\$ or US-6652266-\$ or US-6493081-\$ or US-6468069-\$ or US-7229279-\$ or US-5771683-\$ or US-5890886-\$ or US-5522723-\$ or US-6389330-\$ or US-6168419-\$ or US-6126913-\$ or US-5921763-\$ or US-5848887-\$ or US-51659001-\$ or US-6126913-\$ or US-5921763-\$ or US-5848887-\$ or US-5160254-\$ or US-5080577-\$).did. or (US-5356487-\$ or US-5165884-\$ or US-5165884-\$ or US-2004033963-\$).did. or (JP-63118507-\$ or JP-60060411-\$ or JP-59131816-\$ or JP-57134608-\$ or JP-02242013-\$).did. or (US-5165884-\$ or US-5771683-\$ or US-20040161718-\$ or EP-925823-\$ or US-5771683-\$ or US-20030134239-\$ or US-20040161718-\$ or EP-925823-\$ or US-5771683-\$ or US-5890886-\$ or DE-3732656-\$).did. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT                             | OR | OFF | 2008/12/23          |
|------------|--------|---|---|----|-----|---------------------|
| \$28       | 537483 | S27 and ceramic foam  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/23<br>10:13 |
| S29        | 25     | S27 and ceramic near5 foam  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/23<br>10:14 |
| <b>S30</b> | 0      | "003732656"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/23<br>10:31 |
| <b>S31</b> | 16     | "3732656"   | US PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/23          |

| S32         | 10  | \$27 and nozzle and ceramic and foam  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/23<br>11:09 |
|-------------|-----|---|---|----|-----|---------------------|
| 33          | 26  | nozzle and combustion and ceramic near4 foam and recirculat\$4  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/23<br>11:50 |
| <b>S</b> 34 | 507 | 431/116.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/23<br>14:17 |
| \$35        | 91  | 431/116.ccls. and heat near3 exchange\$2  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/23<br>14:17 |
| \$36        | 67  | (US-20060153756-\$ or US-20030134239-\$ or US-20040161718-\$ or US-20010028867-\$ or US-20060115778-\$ or US-20050130087-\$ or US-20020160326-\$ or US-20060147859-\$ or US-20060112636-\$ or US-20040063056-\$ or US-20030196381-\$ or US-20080227044-\$ or US-20060084017-\$).did. or (US-6431857-\$ or US-6003305-\$ or US-3718506-\$ or US-4531908-\$ or US-6875007-\$ or US-7344373-\$ or US-7088253-\$ or US-7008218-\$ or US-6652266-\$ or US-6493081-\$ or US-6468069-\$ or US-7229279-\$ or US-5771683-\$ or US-6135760-\$ or US-6045353-\$ or US-6213757-\$ or US-6159001-\$ or US-6126913-\$ or US-5921763-\$ or US-5848887-\$ or US-5819673-\$ or US-5464006-\$).did. or (US-5356487-\$ or US-5165884-\$ or US-5160254-\$ or US-3982910-\$).did. or (US-5356487-\$ or US-5165884-\$ or US-5554347-\$ or US-3982910-\$).did. or (EP-524736-\$ or US-5165884-\$ or DE-3732656-\$).did. or (JP-63118507-\$ or JP-60060411-\$ or JP-59131816-\$ or JP-57134608-\$ or JP-02242013-\$).did. or (US-5165884-\$ or US-5771683-\$ or US-20030134239-\$ or US-20040161718-\$ or EP-925823-\$ or US-5771683-\$ or US-5890886-\$ or DE-3516587-\$ or DE-10250360-\$ or DE-10246231-\$ or US-5890886-\$ or DE-3732656-\$).did. | US-PGPUB;<br>USPAT; EPO;<br>JPO;<br>DERWENT                             | OR | OFF | 2008/12/23<br>14:33 |

| \$37 | 35  | S36 and foam\$3 near4 ceramic   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/23<br>14:33 |
|------|-----|---|---|----|-----|---------------------|
| S38  | 5   | ("3155142"   "3291187"   "4421476").PN. OR ("6431857").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2008/12/23<br>14:49 |
| S39  | 534 | burner same (regulat\$4 control) same recirculat\$3 same exhaust  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/23<br>15:56 |
| S40  | 68  | burner same (regulat\$4 control) same recirculat\$3 same exhaust and ceramic  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2008/12/23<br>15:56 |
| S41  | 71  | (US-20060153756-\$ or US-20030134239-\$ or US-20040161718-\$ or US-20010028867-\$ or US-20060115778-\$ or US-20050130087-\$ or US-20020160326-\$ or US-20060147859-\$ or US-20060112636-\$ or US-20040063056-\$ or US-20030196381-\$ or US-20080227044-\$ or US-20060084017-\$).did. or (US-6431857-\$ or US-6003305-\$ or US-3718506-\$ or US-4531908-\$ or US-6875007-\$ or US-7344373-\$ or US-7088253-\$ or US-7008218-\$ or US-6652266-\$ or US-6493081-\$ or US-6468069-\$ or US-7229279-\$ or US-5771683-\$ or US-5890886-\$ or US-5522723-\$ or US-6389330-\$ or US-6159001-\$ or US-6135760-\$ or US-5921763-\$ or US-6213757-\$ or US-6159001-\$ or US-6126913-\$ or US-5921763-\$ or US-5848887-\$ or US-5819673-\$ or US-5464006-\$).did. or (US-5356487-\$ or US-5165884-\$ or US-5160254-\$ or US-5080577-\$ or US-7255840-\$ or US-6065957-\$ or US-6109914-\$).did. or (US-3172251-\$).did. or (US-524736-\$ or WO-2004033963-\$ or DE-3732656-\$).did. or (JP-63118507-\$ or JP-60060411-\$ or JP-59131816-\$ or JP-57134608-\$ or JP-02242013-\$).did. or (US-5165884-\$ or EP-524736-\$ or US-20030134239-\$ or US-20040161718-\$ or EP-925823-\$ or US-5771683-\$ or WO-9110867-\$ or DE-3516587-\$ or DE-10250360-\$ or DE-10246231-\$ or US-5890886-\$ or DE-3732656-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT                   | OR | OFF | 2009/01/06<br>13:06 |

| S42  | 111 | S41 and recircul\$ and control same combustion   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/06<br>13:06 |
|------|-----|--|---|----|-----|---------------------|
| S43  | 35  | S41 and foam\$ near2 ceramic\$   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/06<br>13:31 |
| S44  | 71  | (US-20060153756-\$ or US-20030134239-\$ or US-20040161718-\$ or US-20010028867-\$ or US-20060115778-\$ or US-20050130087-\$ or US-20020160326-\$ or US-20060147859-\$ or US-20060112636-\$ or US-20040063056-\$ or US-20030196381-\$ or US-20080227044-\$ or US-20060084017-\$).did. or (US-6431857-\$ or US-6003305-\$ or US-3718506-\$ or US-4531908-\$ or US-6875007-\$ or US-7344373-\$ or US-7088253-\$ or US-7008218-\$ or US-6652266-\$ or US-6493081-\$ or US-6468069-\$ or US-7229279-\$ or US-5771683-\$ or US-5890886-\$ or US-5522723-\$ or US-6389330-\$ or US-6168419-\$ or US-6135760-\$ or US-6045353-\$ or US-5848887-\$ or US-51659001-\$ or US-6126913-\$ or US-5921763-\$ or US-5848887-\$ or US-5160254-\$ or US-55080577-\$ or US-7255840-\$ or US-5165884-\$ or US-5160254-\$ or US-3982910-\$ or US-3652194-\$ or US-5997279-\$ or US-6109914-\$).did. or (US-3172251-\$).did. or (EP-524736-\$ or WO-2004033963-\$ or DE-3732656-\$).did. or (JP-63118507-\$ or JP-60060411-\$ or JP-59131816-\$ or JP-57134608-\$ or JP-02242013-\$).did. or (US-5165884-\$ or EP-524736-\$ or US-20030134239-\$ or US-20040161718-\$ or EP-925823-\$ or US-5771683-\$ or WO-9110867-\$ or DE-3732656-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT                   | OR | OFF | 2009/01/06<br>14:53 |
| \$45 | 5   | S44 and foam\$ near2 ceramic and recircul\$  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/06<br>14:54 |

| S46         | 15   | S44 and recircul\$   | US PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/06<br>15:08 |
|-------------|------|--|---|----|-----|---------------------|
| <b>S</b> 47 | 568  | afterburner and recircul\$   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/06<br>15:33 |
| S48         | 208  | ("126"/\$.ccls. "431"/\$.ccls.) and afterburner                                      | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/06<br>16:20 |
| S49         | 507  | 431/116.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/07          |
| \$50        | 293  | 431/5,7,9,11,12,79,115,116,170,207,208,215,325,328.ccls. and recircul\$ same exhaust | US PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/07<br>11:10 |
| \$51        | 2987 | exhaust and heat near2 exchange\$ and burner and recircul\$                          | US PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/07<br>12:58 |

| \$52 | 324 | exhaust and heat near2 exchange\$ near2 tube and burner and recircul\$           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/07<br>12:59 |
|------|-----|--|---|----|-----|---------------------|
| \$53 | 39  | exhaust and heat near2 exchange\$ near2 tube and cold near5 start and recircul\$ | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/07<br>13:01 |
| S54  | 22  | 431/7,170.ccls. and 431/215.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/07<br>13:33 |
| \$55 | 1   | 431/6.ccls. and 431/215.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/07<br>13:43 |
| S56  | 770 | 431/215.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/07<br>13:44 |
| \$57 | 500 | 431/6.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/07<br>15:02 |

| \$58 | 15   | :"5128977"   | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/07<br>15:27 |
|------|------|--|---|----|-----|---------------------|
| \$59 | 803  | 431/7.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/07<br>15:28 |
| S60  | 1006 | 431/170.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/08<br>12:34 |
| S61  | 56   | ("2795054"   "3661497"   "3732919"   "3769922"   "3810732"   "3888193"   "3942264"   "4087876"   "4252070"   "4310020"   "4400356"   "4475884"   "4529374"   "4593754"   "4643667"   "4646660"   "4688495"   "4716844"   "4741690"   "4807695"   "4823711"   "4828481"   "4838782"   "4941415"   "4953512").PN. OR ("5165884").URPN.   | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/01/08<br>15:40 |
| S62  | 9    | ("4688495"   "4823711"   "5165884"   "5320518"   "5533890").PN. OR<br>("5819673").URPN.  | US-PGPUB;<br>USPAT; USOCR   | OR | OFF | 2009/01/08<br>15:41 |
| S63  | 125  | (US-20060153756-\$ or US-20030134239-\$ or US-20040161718-\$ or US-20010028867-\$ or US-20060115778-\$ or US-20050130087-\$ or US-20020160326-\$ or US-20060147859-\$ or US-20060112636-\$ or US-20040063056-\$ or US-20030196381-\$ or US-20080227044-\$ or US-20060084017-\$).did. or (US-6431857-\$ or US-6003305-\$ or US-3718506-\$ or US-4531908-\$ or US-6875007-\$ or US-7344373-\$ or US-7088253-\$ or US-7008218-\$ or US-6652266-\$ or US-6493081-\$ or US-6468069-\$ or US-7229279-\$ or US-5771683-\$ or US-6493081-\$ or US-5522723-\$ or US-6389330-\$ or US-6168419-\$ or US-6135760-\$ or US-5921763-\$ or US-5848887-\$ or US-51659001-\$ or US-6126913-\$ or US-5921763-\$ or US-5848887-\$ or US-5819673-\$ or US-5464006-\$).did. or (US-5356487-\$ or US-5165884-\$ or US-5160254-\$ or US-5080577-\$ or US-7255840-\$ or US-5997279-\$ or US-5554347-\$ or US-3982910-\$ or US-3652194-\$ or US-5997279-\$ or US-6109914-\$ or US-6612833-\$ or US-4877396-\$ or US-5997279-\$ or US-6875009-\$ or US-5375997-\$ or US-4445842-\$ or US-5932885-\$ or US-7008219-\$ or US-5569031-\$ or US-5431147-\$ or US-60421325-\$ or US-2411294-\$ or US-2902270-\$ or US-3212558-\$ or US-0421325-\$ or US-2411294-\$ or US-2902270-\$ or US-3212558-\$ or US-2411294-\$ or US-2411294-\$ or US-2411294-\$ or US-241124-\$ or US-241124-\$ or US-241124-\$ or US-241124-\$ or US-241124-\$ o | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT                   | OR | OFF | 2009/01/08<br>16:16 |

|     |    | 3262484-\$ or US-4052143-\$). did. or (US-4580530-\$ or US-4642049-\$ or US-4784599-\$ or US-4828483-\$ or US-5154599-\$ or US-5529484-\$ or US-5707226-\$ or US-5735680-\$ or US-5848885-\$ or US-6033207-\$ or US-6290488-\$ or US-6224370-\$ or US-6986797-\$ or US-6302683-\$ or US-6290488-\$ or US-6224370-\$ or US-6015540-\$ or US-5938427-\$ or US-5901700-\$ or US-5375563-\$ or US-5347936-\$ or US-5320518-\$ or US-5190451-\$ or US-5184671-\$ or US-4886017-\$ or US-4828486-\$ or US-4785768-\$). did. or (US-4039272-\$ or US-5635139-\$ or US-4378206-\$ or US-4360339-\$ or US-4823711-\$ or US-6136144-\$). did. or (US-3172251-\$ or US-3685977-\$ or US-3319692-\$ or US-2095065-\$). did. or (US-3172251-\$ or US-3685977-\$ or US-3732656-\$ or GB-2119078-\$). did. or (UP-63118507-\$ or JP-60060411-\$ or JP-59131816-\$ or JP-57134608-\$ or JP-02242013-\$ or JP-05141618-\$). did. or (US-5165884-\$ or EP-524736-\$ or US-20030134239-\$ or US-20040161718-\$ or EP-925823-\$ or US-5771683-\$ or WO-9110867-\$ or DE-3732656-\$). did. |   |    |     |                     |
|-----|----|---|---|----|-----|---------------------|
| S64 | 22 | S63 and infrared  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/01/08<br>16:17 |

## 1/9/2009 12:23:26 PM

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